

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	313/11-47.ccls. and ((lamp bulb vessel envelope arc\$tube (arc near3 tube)) and (heater (heat\$3 temperature thermal) near3 (control\$4 modif\$4 modificat\$3 adjust\$3)) and (turn coil wind\$3)).clm.	US-PGPUB; USPAT	OR	ON	2005/08/19 18:40
L2	1532	313/44,46,15,591.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/19 18:48
L3	76	313/591.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/19 18:35
L4	8	("313"/\$.ccls. 315/112-118.ccls.) and ((lamp bulb vessel envelope arc\$tube (arc near3 tube)) and (heater (heat\$3 temperature thermal) near3 (control\$4 modif\$4 modificat\$3 adjust\$3)) and (turn coil wind\$3)).clm.	US-PGPUB	OR	ON	2005/08/19 18:40
L5	1034	313/44,15,591.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/19 18:48
S1	785	(cold near3 cathode) and (cathode same heat\$3) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/09 19:27
S2	254	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure wire assembly)))) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 19:40
S3	71	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure wire assembly)))) and "445"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 19:40
S4	72	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "445"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 19:56
S5	265	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 19:49
S6	7	US-04256991-\$.DID. OR US-4355259-\$.DID. OR US-4520290-\$.DID. OR US-4969849-\$.DID. OR US-5047689-\$.DID. OR US-5436431-\$.DID. OR US-5907742-\$.DID. OR US-6294883-\$.DID.	US-PGPUB; USPAT	OR	ON	2005/04/26 19:56
S7	12	("1858676" "2041904" "2917650" "3255375").PN. OR ("4355259").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/26 19:46

S8	24	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "313"/\$.ccls. and (turn\$3 with (spac\$3 grad\$3 separat\$3))	US-PGPUB; USPAT	OR	ON	2005/04/26 19:53
S9	1	(cold near3 cathode) and (cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and (turn\$3 with (spac\$3 grad\$3 separat\$3))	EPO; JPO; DERWENT	OR	ON	2005/04/26 19:52
S10	97	(cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "313"/\$.ccls. and (turn\$3 with (spac\$3 grad\$3 separat\$3))	US-PGPUB; USPAT	OR	ON	2005/04/26 19:51
S11	15	(cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "445"/\$.ccls. and (turn\$3 with (spac\$3 grad\$3 separat\$3))	US-PGPUB; USPAT	OR	ON	2005/04/26 19:52
S12	104	S10 S11	US-PGPUB; USPAT	OR	ON	2005/04/26 19:52
S13	7	(cathode same (heater (heat\$3 near3 (member element structure coil wire assembly)))) and (turn\$3 with (spac\$3 grad\$3 separat\$3))	EPO; JPO; DERWENT	OR	ON	2005/04/26 19:52
S14	31	(cold near3 cathode) and ((heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("445"/\$.ccls. "313"/\$.ccls.) and ((winding turn\$3) with (spac\$3 grad\$3 separat\$3))	US-PGPUB; USPAT	OR	ON	2005/04/26 19:53
S15	4	(cold near3 cathode) and lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and "445"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/26 20:00
S16	406	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("445"/\$.ccls. "313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/04/26 20:00
S17	156	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("445"/\$.ccls. "313"/\$.ccls.) and cathode	US-PGPUB; USPAT	OR	ON	2005/04/26 20:01

S18	55	lamp and ((coil turn winding pitch) with cathode with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("445"/\$.ccls. "313"/\$.ccls.) and cathode	US-PGPUB; USPAT	OR	ON	2005/04/26 20:05
S19	31	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("445"/\$.ccls. "313"/\$.ccls.) and (cold near3 cathode)	US-PGPUB; USPAT	OR	ON	2005/04/27 11:47
S20	86	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and (cold near3 cathode)	US-PGPUB; USPAT	OR	ON	2005/04/26 20:07
S21	55	S20 not S19	US-PGPUB; USPAT	OR	ON	2005/04/26 20:07
S22	30	("3535576" "3919579" "4329622" "4370600" "4516057" "4521718" "4538092" "4559479" "4645974" "4717863" "4739227" "4798997" "4851734" "5013966" "5030894" "5105127" "5172034" "5194782" "5214351" "5311104" "5406174" "5420481" "5434881" "5525872" "5592052" "5604410" "5747946" "5965988").PN. OR ("6191539"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/26 20:09
S23	36	("2267821" "2975330" "3323010" "3331977" "4101807" "4427925" "4431947" "4451765" "4533853" "4533854" "4645974").PN. OR ("4798997"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/26 20:10
S24	4	("3323010").URPN.	USPAT	OR	ON	2005/04/26 20:12
S25	36	("2267821" "2975330" "3323010" "3331977" "4101807" "4427925" "4431947" "4451765" "4533853" "4533854" "4645974").PN. OR ("4798997"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 11:29
S26	21	("2113314" "2491881" "2581959" "3296488" "3432232" "3914649").PN. OR ("4101807"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 11:29
S27	11	("3914649" "4101807" "4137484" "4734612").PN. OR ("4884009").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 11:46

S28	403	(cold near3 cathode) and (cathode same heat\$3) and "315"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/27 11:47
S29	41	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("315"/\$.ccls.) and (cold near3 cathode)	US-PGPUB; USPAT	OR	ON	2005/04/27 12:03
S30	537	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("315"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/04/27 12:11
S31	411	lamp and ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("315"/\$.ccls.) and (cathode electrode)	US-PGPUB; USPAT	OR	ON	2005/04/27 13:19
S32	258	lamp and ((cathode electrode) same ((coil turn winding pitch) with (heater (heat\$3 near3 (member element structure coil wire assembly)))) and ("315"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/04/27 13:29
S33	801	lamp and ((vessel lamp bulb container arc tube envelope) same (heater (temperature near3 (modif\$4 chang\$3 control\$4)) (heat\$3 near3 (element device structure member coil wire component portion part)))) same (cathode electrode)) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/27 13:34
S34	133	lamp and ((vessel lamp bulb container arc tube envelope) same (heater (temperature near3 (modif\$4 chang\$3 control\$4)) (heat\$3 near3 (element device structure member coil wire component portion part)))) same (cathode electrode)) and "313"/11-47.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/27 13:36
S35	66	lamp and ((vessel lamp bulb container arc tube envelope) same (coil\$3 twist wind curl\$3 turn\$3 loop winding wire) same (heater (temperature near3 (modif\$4 chang\$3 control\$4)) (heat\$3 near3 (element device structure member coil wire component portion part)))) same (cathode electrode)) and "313"/11-47.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/27 13:38

S36	377	lamp and ((vessel lamp bulb container arc tube envelope) same (coil\$3 twist wind curl\$3 turn\$3 loop winding wire) same (heater (temperature near3 (modif\$4 chang\$3 control\$4)) (heat\$3 near3 (element device structure member coil wire component portion part))) same (cathode electrode)) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/27 13:38
S37	12	("2581959" "2765416").PN. OR ("3721846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 13:39
S38	18	("2581959").URPN.	USPAT	OR	ON	2005/04/27 13:40
S39	22	("2581959" "2765416" "3093269").PN. OR ("3746914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 13:41
S40	8	("2765416" "3439209" "3721846" "3746914" "3757158" "3757159").PN. OR ("3806747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 13:42
S41	4	("3757158").URPN.	USPAT	OR	ON	2005/04/27 13:42
S42	15	("3226597" "3746914").PN. OR ("4137483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/27 16:22
S43	12	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) with fluorescen\$3 with lamp) and (cold\$cathode (cold near3 cathode))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:10
S44	16	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) same (fluorescen\$3 with lamp)) and (cold\$cathode (cold near3 cathode)) and heat\$3	US-PGPUB; USPAT	OR	ON	2005/05/01 15:00
S45	30	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) with lamp) and (fluorescen\$3 with lamp) and (cold\$cathode (cold near3 cathode)) and heat\$3	US-PGPUB; USPAT	OR	ON	2005/05/01 15:01
S46	43	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) with lamp) and (cold\$cathode (cold near3 cathode)) and heat\$3	US-PGPUB; USPAT	OR	ON	2005/05/01 15:04
S47	48	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) with lamp) and (cold\$cathode (cold near3 cathode))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:04

S48	21	((high\$pressure (high near3 pressure)) with lamp) and (cold\$cathode (cold near3 cathode))	EPO; JPO; DERWENT	OR	ON	2005/05/01 15:06
S49	1	"4137483".pn.	US-PGPUB; USPAT	OR	ON	2005/05/01 15:07
S50	254	("313"/\$.ccls.) and (high\$pressure (high near3 pressure)) and (cold\$cathode (cold near3 cathode))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:11
S51	95	("313"/\$.ccls.) and (high\$pressure (high near3 pressure)) and (cold\$cathode (cold near3 cathode)) and (heater (heat\$3 near3 (member element coil structure wire assembly)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:48
S52	36	("315"/\$.ccls.) and (high\$pressure (high near3 pressure)) and (cold\$cathode (cold near3 cathode)) and (heater (heat\$3 near3 (member element coil structure wire assembly)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:13
S53	31	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) same (cold\$cathode (cold near3 cathode)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:22
S54	56	("313"/\$.ccls.) and ((high\$pressure (high near3 pressure)) same (cold\$cathode (cold near3 cathode)))	USOCR	OR	ON	2005/05/01 15:28
S55	3	((high\$pressure (high near3 pressure)) same sodium same (cold\$cathode (cold near3 cathode)))	EPO; JPO; DERWENT	OR	ON	2005/05/01 15:31
S56	25	((high\$pressure (high near3 pressure)) same sodium same (cold\$cathode (cold near3 cathode)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:48
S57	500	("313"/\$.ccls.) and (cold\$cathode (cold near3 cathode)) and (heater (heat\$3 near3 (member element coil structure wire assembly)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:48
S58	249	("315"/\$.ccls.) and (cold\$cathode (cold near3 cathode)) and (heater (heat\$3 near3 (member element coil structure wire assembly)))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:49
S59	129	("315"/\$.ccls.) and (cold\$cathode (cold near3 cathode)) and (cathode with (heater (heat\$3 near3 (member element coil structure wire assembly))))	US-PGPUB; USPAT	OR	ON	2005/05/01 16:07

S60	23	("313"/\$.ccls "315"/\$.ccls.) and (sodium near3 lamp) and (cold\$cathode (cold near3 cathode))	US-PGPUB; USPAT	OR	ON	2005/05/01 15:57
S61	105	(cold\$cathode (cold near3 cathode)) and (cathode with (heater (heat\$3 near3 (member element coil structure wire assembly))))	EPO; JPO; DERWENT	OR	ON	2005/05/01 18:36
S62	9	"313"/\$.ccls. and lamp and (heat\$3 with activat\$3 with (glue adhesive adherent epoxy))	US-PGPUB; USPAT	OR	ON	2005/05/01 18:39
S63	335	"313"/\$.ccls. and lamp and (heat\$3 with (glue adhesive adherent epoxy))	US-PGPUB; USPAT	OR	ON	2005/05/01 18:39
S64	50	"313"/\$.ccls. and lamp and ((heat\$3 with (glue adhesive adherent epoxy)) same (heater (heat\$3 near3 (member element coil structure wire assembly))))	US-PGPUB; USPAT	OR	ON	2005/05/01 18:40
S65	12	"445"/\$.ccls. and lamp and ((heat\$3 with (glue adhesive adherent epoxy)) same (heater (heat\$3 near3 (member element coil structure wire assembly))))	US-PGPUB; USPAT	OR	ON	2005/05/01 18:47
S66	545	("313"/\$.ccls. "315"/\$.ccls.) and ((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly)))	US-PGPUB; USPAT	OR	ON	2005/05/01 18:49
S67	0	("313"/\$.ccls. "315"/\$.ccls.) and ((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly))) and lmap	US-PGPUB; USPAT	OR	ON	2005/05/01 18:49
S68	221	("313"/\$.ccls. "315"/\$.ccls.) and ((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly))) and lamp	US-PGPUB; USPAT	OR	ON	2005/05/01 18:49
S69	96	("313"/\$.ccls. "315"/\$.ccls.) and ((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly))) and lamp and cathode	US-PGPUB; USPAT	OR	ON	2005/05/01 18:55

S70	11	((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly))) and lamp and cathode	EPO; JPO; DERWENT	OR	ON	2005/05/01 18:56
S71	262	((heater (heat\$3 near3 (member element coil structure wire assembly))) same (resist\$4 near3 (conduct\$3 member element structure assembly))) and lamp	EPO; JPO; DERWENT	OR	ON	2005/05/01 18:58
S72	3	"2741693"	EPO; JPO; DERWENT	OR	ON	2005/05/01 19:04
S73	1	"53039675"	EPO; JPO; DERWENT.	OR	ON	2005/05/01 19:08
S74	1	1978-C5840A.NRAN.	DERWENT	OR	ON	2005/05/01 19:04
S75	12965	WESTINGHOUSE\$.as.	US-PGPUB; USPAT	OR	ON	2005/05/01 19:09
S76	165	WESTINGHOUSE\$.as. and "313"/\$. ccls. and lamp	US-PGPUB; USPAT	OR	ON	2005/05/01 19:13
S77	0	WESTINGHOUSE\$.as. and "313"/\$. ccls. and lamp	USOCR	OR	ON	2005/05/01 19:09
S78	226	larson\$.in. and lamp	US-PGPUB; USPAT	OR	ON	2005/05/01 19:15
S79	1	"20050040748"	US-PGPUB; USPAT	OR	ON	2005/08/09 19:36
S80	406	(lamp arc\$tube (arc near3 tube) bulb) and (heater (heating near3 (coil filament member structure element means))) and ((middle central mid\$point center centre mid\$section) with (heat\$3 thermal temperature))	EPO; JPO; DERWENT	OR	ON	2005/08/09 19:41
S81	291	(lamp arc\$tube (arc near3 tube) bulb) and ((heater (heating near3 (coil filament member structure element means))) with ((middle central mid\$point center centre mid\$section) with (heat\$3 thermal temperature)))	EPO; JPO; DERWENT	OR	ON	2005/08/09 19:41
S82	238	(lamp arc\$tube (arc near3 tube) bulb) and (heater (heating near3 (coil filament member structure element means))) and ((middle central mid\$point center centre mid\$section) with (lamp arc\$tube (arc near3 tube) bulb) with (heat\$3 thermal temperature))	EPO; JPO; DERWENT	OR	ON	2005/08/09 19:43

S83	239	(lamp arc\$tube (arc near3 tube)) and (heater (heating near3 (coil filament member structure element means))) and ((middle central mid\$point center centre mid\$section) with (lamp tube envelope vessel arc\$tube (arc near3 tube) bulb) with (heat\$3 thermal temperature))	EPO; JPO; DERWENT	OR	ON	2005/08/09 19:43
S84	33	(lamp arc\$tube (arc near3 tube)) and (heater (heating near3 (coil filament member structure element means))) and ((middle central mid\$point center centre mid\$section) with (lamp tube envelope vessel arc\$tube (arc near3 tube) bulb) with (heat\$3 thermal temperature)) and ((cold near3 cathode) cold\$cathode fluorescent)	EPO; JPO; DERWENT	OR	ON	2005/08/09 19:52
S85	39	(lamp arc\$tube (arc near3 tube)) and (heater (heating near3 (coil filament member structure element means))) and ((middle central mid\$point center centre mid\$section) with (lamp tube envelope vessel arc\$tube (arc near3 tube) bulb) with (heat\$3 thermal temperature)) and ((cold near3 cathode) cold\$cathode fluorescent) and ("313"/\$.ccls. "445"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/09 19:52